

21 APR 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 09531-109US1 U.S. APPLICATION NO. (If known) 37 C.F.R. 1.5 107532040
INTERNATIONAL APPLICATION NO. PCT/US03/33221	INTERNATIONAL FILING DATE 20 October 2003	PRIORITY DATE CLAIMED 21 October 2002
TITLE OF INVENTION TRANSGENIC NON-HUMAN ANIMALS WITH EXPANDED MATURE B CELL AND PLASMA CELL POPULATIONS		
APPLICANT(S) FOR DO/EO/US Brian G. Van Ness and Michael A. Linden		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included: <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information: Return Post Card 		
CERTIFICATE OF MAILING BY EXPRESS MAIL Express Mail Label No. EV 467327853 US Date of Deposit: April 21, 2005		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/532040

INTERNATIONAL APPLICATION NO.

PCT/AU02/33221

ATTORNEY'S DOCKET NUMBER

(053)-00051

JC20 Rec'd PCT/PTO

21 APR 2005

CALCULATIONS PTO USE ONLY

The following fees have been submitted

21. Basic national fee.....\$30022. Examination feeIf International preliminary examination report prepared by USPTO and all claims satisfy provisions of
PCT Article 33(1)-(4).....\$100
All other situations\$20023. Search feeSearch fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an
International Searching Authority\$100
International Search Report prepared and provided to the Office\$400
All other situations\$500**Total of 21, 22 and 23 =**

\$600.00

 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).
The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
-100 =	/50=		X \$250 \$0.00

Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(h)).

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	22 - 20 =	2	x \$50 \$100.00
Independent Claims	5 - 3 =	2	x \$200 \$400.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360 \$0.00

TOTAL OF ABOVE CALCULATIONS = \$1,100.00 Applicant claims small entity status. See 37 C.F.R. 1.27. Fees above are reduced by 1/2.

\$550.00

SUBTOTAL = \$550.00

Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(i))

	+	\$0.00
		TOTAL NATIONAL FEE = \$0.00

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property

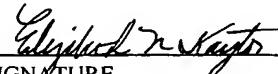
	+	\$0.00
		TOTAL FEES ENCLOSED = \$550.00

	Amount to be refunded:	\$0.00
	Amount to be charged:	\$0.00

- a. A check in the amount of \$550.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:


 SIGNATURE

Elizabeth N. Kaylor, Ph.D.

NAME

53,103

REGISTRATION NUMBER